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> From the Editor's Desk "Saying it like it is!"  
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From the information we now have some familiar faces we've usually seen at Fall Comdex are not going to be there this year. Amazing no, not really its expected. Especially after the comments about computer production runs happening only for special items made at a recent meeting. For example; special developer machines. Nothing to get excited over though. Again, its been expected all along. Like the man says; "no matter what is said or done, they'll do it their way". So... no big deal.. Let 'em do it their way. At this point in time, it doesn't matter much anymore at all. Its fun to watch though.

On to the more vibrant, positive plateaus of computing. Word Perfect is blazing all sorts of new and wonderful trails in the Computing world. From Platinum and Gold customer support programs to firm pledges of continuing the 800 number customer support programs now in place. In the meantime, Word Perfect's new version 6.0 for Windows is a strong contender in the "Top New Software" listing due in December. STReport and its editors are working with and compiling evaluations of the new software being released in their respective departments for the December Awards.

The Mac world has never had such strong coverage in the online scene and the results of our MAC editor's efforts are becoming quite evident. The reader response to his, more than timely articles are nothing but positive. Don't miss this week's MAC segment. Its neat to see all the

exciting things happening in time for the holidays.

Ralph.....

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seamlessly port applications to a leading consumer platform. Titles created with Director can currently be distributed on Macintosh and Windows platforms. With the Director Player for 3DO, developers focused on the Macintosh and Windows platforms can now deliver titles to a wider consumer audience.

"Our agreement with 3DO represents our strategic commitment to provide our multimedia playback technology on the leading consumer platforms," said John C. (Bud) Colligan, president and chief executive officer at Macromedia. "We believe the 3DO Interactive Multiplayer system will be an important consumer standard."

This agreement extends Macromedia's strategy to offer developers platform optimization rather than forcing them to develop on the lowest common denominator. The Director Player for 3DO will provide developers with special extensions that optimize titles to take advantage of the unique features of the 3DO platform.

"The Director Player for 3DO is the next step in providing a rich authoring platform to 3DO developers," said Bill Duvall, senior vice president of software at The 3DO Company. "The Director Player for 3DO, along with the other multimedia development tools that Macromedia and 3DO are delivering to developers, ensures that the 3DO Interactive Multiplayer environment will have a wide selection of software titles."

"For multimedia title developers to be successful and competitive, they need to both decrease their development time and optimize their titles for target platforms," said Larry Miller, vice president of marketing at Macromedia. "With our Player for Windows and now the Player for 3DO, the world's largest installed base of multimedia developers will be able to do just that."

The 3DO Interactive Multiplayer system attaches to a television set and delivers 50 times the graphics animation performance of PCs and video game systems. The 3DO Interactive Multiplayer system plays interactive entertainment, education and information software, as well as music CDs, photo CDs and motion CDs. Designed to be a worldwide standard like VHS, the 3DO Interactive Multiplayer is available in a CD-based version from Panasonic under the name FZ-1 REAL(TM) 3DO Interactive Multiplayer.

## **\*\* WordPerfect and Microsoft Fight it out in the Courts \*\***

Which word processor is the most popular in the world, WordPerfect or Microsoft Word? It appears that the courts are going to have to make the decision on this question. WordPerfect has filed suit in U.S. District Court in New York which challenges Microsoft Corp.'s claim that Microsoft Word is the most popular word processor in the world.

Microsoft executives have estimated their firm has about 40% of the word-processing market. WordPerfect says that an independent tracking service showed that for every 57 packages of Microsoft Word sold worldwide, WordPerfect has sold 95 packages.

Microsoft partially bases their claim because of its practice bundling its most popular personal computer programs for a far lower price than buying the applications separately.

Chris Peters, general manager of Microsoft's Word unit, acknowledged that WordPerfect does have more units installed worldwide and has been

outselling Word this year within the United States. However, Peters defended the Microsoft ads, saying the popularity claim is based on sales over the past year, rather than in current domestic sales or total units installed. Saying that DataQuest and Soft-ware Publishers Association figures both showed sales of more than 3.5 million units worldwide for Microsoft Word and more than 3 million for WordPerfect in 1992, Peters added, "We didn't fall off a cliff starting January 1st. The trends continued."

#### **\*\* Microsoft Office 4.0 \*\***

Microsoft has introduced version 4.0 of its Microsoft Office software suite that includes Microsoft Word word processor, Microsoft Excel spreadsheet, Microsoft Powerpoint presentation graphics, Microsoft Access database, and a workstation license for Microsoft Mail.

IntelliSense attempts to sense what it is the user is trying to do and produce the desired result. Microsoft says the 100 most common tasks performed by users can now be accomplished in a single step. IntelliSense will automatically correct common typing and misspelling, and can format an entire document in a single step. Excel 5.0, part of Microsoft Office, has a tipWizard feature that offers tips on how to get the current task

done faster, and Powerpoint 4.0's Autocontent Wizard helps the user develop appropriate content for a presentation.

All of the Office components share the spelling checker, custom user dictionary, Microsoft Graph, Microsoft Query Tool, equation editor, clip art gallery, font effects, graphics filters, setup, and text conversion filters. Office uses Object Linking and Embedding (OLE) 2.0 to share information among the applications. OLE allows the user to edit objects such as a spreadsheet chart within another application such as the word processor without leaving the document, then drag and drop objects across applications. It's also easier now to insert objects.

In addition to the productivity applications in Office, Microsoft has also included Microsoft Office Manager (MOM), a tool with a customizable toolbar that contains icons to launch or switch between applications. MOM also has an uninstall feature that cleans up files associated with applications the user decides he or she doesn't want.

Two versions of Office are being offered. Microsoft Office Standard for Windows includes Word, Excel, PowerPoint, and the Microsoft Mail license. Microsoft Office Professional includes all of those plus Access. A Macintosh version of the standard version is also available, and files created for either platform are cross-compatible. Office for the Mac is expected to ship in the first half of 1994. Microsoft says it is working on 32-bit versions of the Office applications that will run on Windows NT. Intel-based versions of Word and Excel are scheduled to ship in the second quarter of 1994, with Digital Alpha AXT and MIPS versions scheduled for the third quarter of 94. Other platform-specific versions are scheduled for next year also. Microsoft said Office will be available in more than two dozen languages.

Microsoft said it will continue to offer no-cost standard support for all its desktop applications from 6AM to 6PM PDT. Evening and weekend support is available for \$2 per minute, \$25 per incident, or \$195 for an annual support subscription.

Office 4 has a suggested retail price of \$750, and Office Professional is priced at \$899. Users of any Office application can upgrade through February 1, 1994 to Office Standard for \$259. Users of competitive programs can switch to Office for \$299 during the same period.

Various installation options are available to meet the available disk space and memory configurations of laptop and desktop systems. Minimum requirements include 16.5 MB of disk space and 4MB of memory.

#### **\*\* PicoPower Technology Granted Power-Saving Patent \*\***

PicoPower Technology says it has been granted a patent for its PC power conservation technology. The company reports that the U.S. Patent Office has awarded patent number 5254888 to its "Switchable Clock Circuit for Microprocessors To Thereby Save Power."

The patent covers technology that reduces power consumption on the microprocessor by dynamically slowing the clock frequency during periods when the microprocessor is idle. Since power consumption is directly proportional to a microprocessor's clock frequency, the slower clock frequency dramatically reduces power consumption.

The slower clock only occurs when the microprocessor is idle and there is no degradation in performance, says PicoPower.

#### **\*\* Motorola Launches Law Venture \*\***

A venture intended to help lawyers deal with mountains of legal documents has been launched jointly by electronics giant Motorola Inc. and accounting firm Arthur Andersen & Co. The venture, called Legalink Services, "streamline(s) the process of searching for, managing and analyzing legal documents."

#### **\*\* Now You Too Can Be a Computer Games Expert \*\***

Baseline Publishing has announced Axis The Gamecheater, a utility designed to enable you to manipulate your favorite game.

While the game cannot be modified, the variables in a game can be manipulated. Just by pressing a hot key you can add points, lives, or whatever to the game you're currently playing.

The program is memory resident and works in the background. Over 50 games are supported, including Prince of Persia, Lemmings, Hellcats, PGA Tour Golf, Spectre & Spectre Supreme, Dogs of War, Simcity, A-Train, and more.

Both Macintosh and IBM compatible personal computer (PC) versions are available. Retail price of Axis The Gamecheater is \$69.95 on the PC and \$59.95 on the Macintosh. The company says the product is available through major software retailers via distributors such as Merisel and Baker & Taylor.

#### **\*\* New Chips From IBM, DEC \*\***

Both Digital Equipment Corporation and IBM have announced additions to their most advanced microprocessor lines.

IBM announced first production of the PowerPC 603 chip, a low-power member of the PowerPC line that resulted from an alliance of IBM, Motorola Corp., and Apple Computer. With lower power consumption, the 603 will be aimed mainly at the portable computer market.

Digital announced two new versions of its Alpha AXP processor, boosting the top speed of the Alpha design to 275 MHz. The new versions of the DECchip 21064 run at 225 and 275 MHz, joining existing versions at 150, 175, and 200 MHz.

#### **\*\* Hitachi Intros 2GB Magneto-Optical Drive \*\***

Hitachi America has introduced a new, higher-capacity 5.25-inch magneto-optical (MO) drive which allows users to store as much as 2 gigabytes (GB) of data on a single cartridge.

Hitachi's new OD152 drive is not ISO (International Standards Organization)-compatible because there is no ISO standard for this general capacity of 5.25-inch drives. However, it does comply with a European standards organization, the European Computer Manufacturing Association.

This new drive has the highest capacity of any 5.25-inch MO drive disc and the discs formatted for this drive are not compatible with other manufacturer's drives.

Unlike WORM (write-once, read-many) drives and discs, MO discs can be erased and rewritten to a number of times, making them the operational equivalent of very large, rather slow hard drives, with removable cartridges.

Average access time for the new drive is 50 milliseconds (ms), rotational speed is 3,000 revolutions-per-minute (rpm), and it is SCSI (Small Computer Systems Interface)-2 compatible.

#### **\*\* Have Pen Computers 'dried up'? \*\***

A survey conducted on portable computer user trends by Datapro Information Service, a Delran, N.J.-based market researcher, shows little interest in pen computer applications outside of some specialized niches.

The survey revealed that only a very small number of the users utilize a pen/stylus device, and that handwriting recognition was not a leading topic of interest.

Margaret Jacobs, a Datapro analyst, noted, "At present, pen-based computing/handwriting recognition software is generally limited to forms-based applications for niche markets such as the insurance and medical fields. Handwriting recognition software must become much more reliable and intuitive before users can adopt it for general purpose applications."

#### **\*\* Sculley to Head Spectrum Information Technologies \*\***



Less than one week ago, John Sculley resigned as Apple's CEO. This week it was announced that the former Apple Computer Inc. chairman will head Spectrum Information Technologies Inc.

Spectrum, which specializes in wireless data transmission, has annual revenues of about \$100 million. The firm holds patents on technology for transmitting data over cellular phone lines. Peter Caserta will remain as vice chairman and president.

#### **\*\* White Males Still Dominate \*\***

A survey by the Computerworld trade weekly suggests white males still dominate the computer industry, particularly in the ranks of top management. The survey puts the top information systems manager who is a minority at 9% of U.S. businesses. Minorities fill 10.3% of management positions in general, according to government figures.

Reporting on the survey of 107 information systems professionals -

- :- Three percent of top technology slots are held by African Americans, 2% by Hispanics, 1% by Asians and 3% by other groups.
- :- Women are holding 15% of the top information systems management positions
- :- Seventy-four percent of the repondents said the number of minorities in their information systems departments stayed the same in the past year, while 7% said the number had decreased.

Computerworld attributed the predominance of white males in computing partly to the nation's economic slump, which has led to aggressive costcutting and staffing reductions among information systems divisions in many corporations.

#### **\*\*\*\*\* General PC News \*\*\*\*\***

#### **\*\* IBM Adds Pentium To ValuePoint Line \*\***

IBM Personal Computer Co. this week launched its new ValuePoint P60/D computer. The P60/D has a Pentium processor running at 60-mhz, which IBM said will more than double the performance of a 66-mhz 486-based computer. It comes with four expansion slots and five bays for storage devices. Customers can choose a 424-meg or 527-meg hard drive. The machine comes with 16-meg of memory, expandable to 128-meg, IBM said, plus 1-meg of video memory, expandable to 2-meg.

The system also comes with PCI local bus architecture, 256-kb of Level 2 cache, and the Mach32AX graphics accelerator chip from ATI Technologies Inc., of Markham, Ontario. IBM said, it also will comply with the Energy Star guidelines, consuming less than 30 watts of power in standby mode using power-management software.

#### **\*\* Peter Norton Bets On Windows-NT \*\***

In a speech this week to the Atlanta PC Users group, Peter Norton, an author and computer guru, talked about the future of operating

systems. He seemed to endorse Windows NT was the best bet for the future.

Norton started by saying there needs to be a single standardized operating system for PCs. The reason for that, in a word, is efficiency.

He said the three top operating systems are OS/2, Unix, and Windows-NT. He dismissed the Apple Macintosh system, saying its best days are behind it. He called OS/2 a dead-end operating system, and said not many systems are running Unix. He added that Windows-NT is where the industry is heading. But he also said that it doesn't really matter which is the best operating system, from a technical standpoint -- what matters is which OS wins the marketing wars. The winner there, hands down, he said, is Microsoft.

#### **\*\* Artisoft Announces Home Office Networking System \*\***

Artisoft Inc., a Tucson, Arizona based company, this week announced that it's introducing an entry-level network operating system designed to meet the basic networking requirements of small businesses and home offices.

The Simply LANTastic network operating system provides basic file, printer and CD-ROM sharing features and is specially designed for easy installation and use.

The Simply LANTastic network operating system is scheduled to begin shipping by early December. It will be available in software-only kits as well as two hardware bundles, with pricing starting at \$79 per node.

#### **\*\* IBM's 'baby' Turns Out to be a Phenomena \*\***

The IBM ValuePoint brand was 'born' a year ago this month. In that year, it has grown into the parent's 'pride and joy'. Since its 'birth' the the 'new kid on the block' has turned in a phenominal amount of 'firsts' -

The first new brand, since the formation of the IBM PC Company, to ship more than 1 million units in less than a year.

The first to deliver the latest industry-standard technology through four product refreshes in a development cycle spanning less than six months.

The first to make multimedia available to businesses at affordable prices.

The first to offer a power-packed desktop based on Intel Pentium technology.

The first to respond swiftly and decisively to industry price cuts three times during the year -- and within 48 hours -- that left the competition blinking.

At the same time, ValuePoint has contributed to the IBM PC Company's gain in worldwide market share, impressed industry experts, grabbed the Number 1 spot in the dealer channel share, seen two of its models acclaimed as the industry's "best-selling desktops" with dealers, and won several prestigious awards from major publications.

**\*\* Dell Desktop PCs For "Techno-boomers" \*\***

Dell Computer Corporation has announced a new line of its Dimension PCs designed for what the company calls the "techno-boomer," the small office or home office user who wants a good value for the money spent and can upgrade as new technology becomes available.

The new systems are all Intel 486SX or DX-based, with clock speeds from 25MHz to 66MHz; have system memory, or RAM, up to 64-meg; and include 1-meg of video RAM and local bus graphics. The PCs are upgradable to use Intel's Pentium Overdrive technology, and external cache of 128K or 256K can be added. Options include tape backup devices, fax/data modems, and CD-ROM drives that support Photo CD.

Dell systems come with one year of next-business-day onsite support, unlimited around the clock telephone support with guaranteed five-minute response, and a 30-day money-back guarantee.

Pricing for the new Dimension systems starts at \$1,230 with a color monitor. Dell says the new systems will begin shipping in early November in the U.S., Canada, and Europe.

**\*\* Aldus Ships First Standalone Pagemaker Addition \*\***

Aldus Corp., has announced shipment of its first standalone Aldus Addition for Pagemaker.

Infopublisher Database Addition is an application that links the desktop publishing program to database management systems. "Anyone who needs to produce graphically appealing information retained in a database needs Infopublisher, especially if they already use Pagemaker," says senior product marketing manager Karen Howe.

The company says Infopublisher Database Addition is an upgrade to the Aldus Pagemaker 4.0 Database Edition. Users can now place data from Paradox 3.5, Microsoft Access, Foxpro and Excel into documents. The importing of ASCII text files have been improved, and Microsoft's Open Database Communication (ODBC) protocol is supported.

Infopublisher can be launched as an Addition from within Pagemaker, several columns can be grouped as one for use in side-by-side paragraphs, and style and graphics compatibility has also been improved.

Infopublisher Database Addition has a suggested retail price of \$199, but Aldus is offering it at the introductory price of \$129 through the end of November. Registered owners of the Database Edition 4.0 can upgrade for \$79. If you purchased Database Edition 4.0 after June 29, 1993 the upgrade is free.

**\*\* Wordperfect Outlines New Support Policies \*\***

Wordperfect Corp., has announced new support programs for large accounts and says it will continue its free and toll-free end-user support.

The company said it will continue to provide its free and toll free

support for end users. "Alan Ashton and Bruce Bastian founded WordPerfect Corporation with two basic objectives," said Ad Rietveld, senior VP of sales and marketing. "The first was to write software that enables people to be more productive, and the second was to offer the best customer support. We hold to these objectives today."

In addition to telephone support, end users can get help through the company's BBS, a toll-free fax-back system, and an automated telephone system that allows the customer to navigate through the company's technical support infobase via their Pc and a modem.

\*\*\*\*\* General Apple News \*\*\*\*\*

**\*\* DCA Ships Crosstalk for the MAC \*\***

Digital Communications Associates Inc. has released Crosstalk for Macintosh, a Macintosh communications program. Crosstalk has been available for the IBM and compatible personal computer for a number of years. This is DCA's first release of the product for the Macintosh.

"Crosstalk for Macintosh offers [features] including cross-platform compatibility giving users a smooth migration from other operating system environments," said William Miller, vice president of DCA's emote access division.

A current user of Crosstalk for Windows in an IBM environment could migrate to the new Macintosh product without resorting to the manual conversion of scripts and other software facilities. In addition, the software follows Apple guidelines for user interface design and operation while maintaining operational compatibility with Crosstalk for Windows.

Crosstalk for Macintosh allows users a wide choice of file transfer protocols which include CompuServe B+ and QuickB.

Crosstalk for Macintosh retails for \$195. Users of Crosstalk or a competitive product can upgrade to the new product for \$49 directly from DCA.

For additional information, call DCA at:  
800/348-3221 (voice) or  
404/442-4364 (fax)

**\*\* Apple's New PhotoFinish Bundled With UMax Color Scanner \*\***

Apple Computer's PhotoFinish, a new photo publishing software package being unveiled this week, is being included with the UMax UC630 color scanner.

A UMax spokesperson said that UMax is the first scanner vendor to bundle PhotoFinish, a product that provides image browsing, a drag-and-drop capability for direct placement of photos, automated tools for image adjustment, and real time "adjustment preview" that lets the user experiment with results.

Apple's PhotoFinish is also equipped with AppleScript, a scripting language for automating repetitive tasks, and JPEG image compression for saving disk space, she said.

Priced at \$999 and available immediately, the UC630LE/MAC bundle includes Adobe's PhotoShop LE for image editing as well as the UC630 color scanner and PhotoFinish. PhotoFinish accepts PhotoShop plug-in modules for import, export, and special effects.

The UC630 color scanner is a 24-bit, 600 dpi (dot-per-inch) flatbed color scanner with a hardware resolution of 600-by-300 dpi, according to the spokesperson. Resolution is enhanced to 1200-by- 1200 dpi through software interpolation, she noted.

#### **\*\* What's New About Apple's Quicktime 1.6.1 \*\***

Apple Computer has announced its latest version of the multimedia extensions, Quicktime 1.6.1, at the announcement of the new Macintosh operating system, System 7 Pro.

The company says that, key differences between this new release and Quicktime 1.5 include less memory use, better performance, better integration with Apple technology, new interfaces, and increased reliability.

Quicktime offers users the ability to imbed sound, video, and animation into ordinary documents or applications on the Macintosh. While the new version of Quicktime still takes the same amount of memory when operating, it unloads a large portion of itself from memory when not in use.

The 1.5 Quicktime version took up 160 KB of RAM when installed, but the new version only requires less than 18 KB upon installation. This also means less memory is required for movie playback as well, Apple representatives said.

The new version is also more reliable, as Apple claims it fixed all known bugs present in the 1.5 version. For example, 1.6.1 adds tear-free movie playback support to the image compression manager which reduces the tearing visible when playing back movies with large amounts of background motion, Apple maintains.

In addition, the latest Quicktime version integrates better with Apple's technology by offering explicit support for the grayscale Powerbook, Mac Easy Open, and Color Sync. Also, a new 3.0 version of the Sound Manager, offered with Quicktime 1.6.1, allows for a faster movie playback environment than under Quicktime 1.5.

Quicktime users will notice a few new enhancements in the Quicktime 1.6.1 user interface as well. For example, the movie import component is now a drag-and-drop operation, allowing users to import compact disc (CD) tracks as easily as they can open PICS or AIF files.

Apple is offering a toll-free order line to accommodate those who wish to upgrade to Quicktime 1.6.1. There is a \$10 charge plus tax where applicable for the upgrade, but no shipping and handling charge, according to staffers on the toll-free line. The new version is also now available in the System 7.1 upgrade and upgrade kits or from Apple bulletin boards and user groups, company officials said.

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New Third-Party Developer Program Introduced  
As Component Of WISE Strategy

DALLAS; WordPerfect Corporation announced its new third-party developer program, Working With WordPerfect. WordPerfect Corporation will use the Working With WordPerfect program to build strategic partnerships with a broad range of hardware manufacturers and software developers to encourage high-quality integration with WordPerfect Corporation products.

"Strategic partnering between WordPerfect Corporation and third-party developers combines vendor technologies with in-house development, ultimately bringing better product solutions to our customers," said Mark Calkins, vice president of corporate and strategic marketing at WordPerfect Corporation. "Often, these partnerships provide the most innovative solutions."

Third-party integration plays an integral role in the WISE Strategy (WordPerfect Information Systems Environment) which encompasses the company's overall mission to help the world communicate by providing software tools that process, share and present information. The three strategic development components introduced with the WISE strategy last year were to open WordPerfect Corporation's technology to third-party development, to devote development resources to open architecture technologies such as OpenDoc and to provide open APIs to encourage tighter third-party integration with WordPerfect Corporation products.

Developers can qualify on one of three levels with the Working With WordPerfect Program -- Associate, Registered and Premier Developer. The Associate level is for individual developers or companies that have a general interest in supporting WordPerfect Corporation software. A completed application is all that is necessary to become an Associate developer. The benefits include access to current technology and developer trend information, and faster integration with WordPerfect Corporation software through effective integration tools, Software Developer Kits (SDKs), on-line support and opportunities for development training.

The Registered level is for companies that demonstrate significant efforts to produce and market products that address one or more aspects of the WISE strategy. For a \$150 fee, Registered Developers will enjoy the same benefits as Associate Developers, as well as increased visibility in the marketplace. Developers gain use of the "Working With WordPerfect" logo, and listings in WordPerfect Corporation's bi-annual Solutions Guide and WordPerfect Magazine's semi-annual Product Directories. These publications reach more than 330,000 subscribers.

To become a Premier developer, a company or individual must commit to very close integration with WPCorp software. The product must be a market leader, introduce innovative technology, promise wide visibility or provide a solution for WPCorp software users. WordPerfect Corporation will select as many as fifty Premier developers. At this highest level, developers will have direct contact with WordPerfect Corporation through an assigned account manager and one-on-one assistance from developer support programmers. In addition, Software Developer Kits (SDKs), the Solutions Guide, strong APIs and extensive marketing resources will ensure smooth integration and successful promotion of the third-party add-ons produced by Premier developers.

WordPerfect Corporation has pre-selected 28 Premier Developers to



participate in the Working With WordPerfect program. Calera, Capsoft, Dragon Systems, HP Boise, HP Greeley, IBM, PC DOCS, Simplify and West Publishing were the nine pre-selected Premier developers that participated in the press event at NetWorld '93 Dallas. These initial Premier developers offer market solutions in the areas of document management, voice recognition technology, scanning and printing, and the vertical market arena.

"As a provider of document assembly tools to large law firms and legal publishers, we have long been looking for a way to get document automation capability into the hands of users with limited resources," said Marshall Morrisse, president of Capsoft Development.

"Becoming a WordPerfect Premier Developer has made it possible for us to create a version of our document assembly software that runs right in WordPerfect for Windows. "

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> WP 6.0 for WINDOWS STR InfoFile      "A WORLD CLASS WINNER!" STR Magazine  
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WORDPERFECT CORPORATION SHIPS WORDPERFECT 6.0 FOR WINDOWS

THE NEXT RELEASE OF THE WORLD'S MOST POPULAR WORD PROCESSOR

Most comprehensive Windows word processor is intelligent and easy to use.

OREM, Utah WordPerfect Corporation announced that WordPerfect 6.0 for Windows is shipping on schedule and will be available on retail shelves October 19, 1993. WordPerfect 6.0 for Windows, an upgrade to WordPerfect Corporation's best-selling word processor, has been completely rewritten and includes dramatic improvements to virtually every feature.

WordPerfect is the world's most popular word processor, nearly 14 million copies of the product have been sold since its introduction in 1979.

WordPerfect 6.0 for Windows offers the most comprehensive set of tools to easily and automatically create any kind of document: powerful word processing, drawing, charting, spreadsheet functionality within tables, direct spreadsheet and database import, and direct integration with other Windows applications.

"With WordPerfect 6.0 for Windows, users may never need to leave their word processor," said Todd Titensor, product marketing director for WordPerfect for Windows at WordPerfect Corporation. "No other word processor offers the power and breadth of features with such an accessible interface."

With this version, WordPerfect Corporation introduces an intelligent and customizable interface, innovations in ease of use, and features that make the most of the Windows environment.

## Intelligent and Customizable Interface

**QuickMenus.** Working in Windows is easier with context-sensitive QuickMenus that are accessed by clicking the right mouse button virtually anywhere in WordPerfect. For example, clicking the right mouse button anywhere in a document presents a QuickMenu to change fonts, spell check or center text, while clicking in the left margin presents a menu to select text, change margins or add comments to a document. QuickMenus vary according to location and text selected.

**Feature Bars.** Feature Bars automatically appear for more than 20 different tasks giving users additional feature-specific options. For example, when working with graphics, the Graphics Feature Bar appears with buttons to add a caption, change position and size, or add borders and fill patterns.

"Today's word processing users demand more than a checklist of editing tools," said Titensor. "Users want intelligent tools, such as QuickMenus and Feature Bars, that automatically anticipate their tasks."

**Button Bars.** The WordPerfect Button Bar is the most versatile interface tool in any Windows product. Users can place any WordPerfect feature, function or macro on a Button Bar for quick access, as well as any other Windows application.

**Complete Customization.** To make the product more applicable to individual users, every aspect of the interface can be completely customized: Button Bar, Power Bar, status bar, menus, and keyboards.

## Innovations in Ease of Use

**Templates.** Templates simplify the creation of professional-looking documents by giving users pre-created documents. WordPerfect 6.0 ships with more than 70 ExpressDocs, pre-created templates for common forms, fax sheets, memos, newsletters, and more. ExpressDocs are more than customized documents; they are interactive and prompt users for information such as the name and fax number on a fax cover sheet. Users can also edit these templates or create their own with customized Button Bars, menus, styles and macros.

**Coaches.** Like a personal instructor, a Coach prompts a user through a variety of common tasks with step-by-step instructions. Coaches are written with WordPerfect's macro language so users can write their own to add to the Help menu.

**Preview Windows.** Preview windows in many dialog boxes let users see how changes in a document--such as columns, margins, and line spacing--will look before making them.

**Online Tutorials and Improved Help.** To lessen a user's dependence on printed documentation, a variety of online tutorials are available. Help is also more visual and intuitive with context-sensitive icons. For example, Help for the Power Bar actually displays the Power Bar so users can click any icon for help. A non-scrolling region at the top of the Help screen keeps the topic constantly in view, as well as related Help terms.

## Easiest Transition for WordPerfect DOS users

**File Compatibility.** WordPerfect 6.0 for Windows gives WordPerfect DOS

users the easiest transition to Windows with feature and file compatibility. WordPerfect 6.0 for Windows seamlessly imports WordPerfect 5.1 DOS files. In addition, WordPerfect 6.0 for DOS and WordPerfect 6.0 for Windows share the same file format so no conversion is necessary between the two products.

WordPerfect DOS Templates. Users can select a WordPerfect 5.1 or 6.0 for DOS template that will change the interface to look and feel like WordPerfect for DOS.

Keystrokes. WordPerfect 6.0 for Windows includes a WPDOS keyboard layout if users want to maintain familiar WordPerfect DOS keystrokes.

Macro Conversions. WordPerfect 6.0 for Windows provides macro conversions for WordPerfect DOS macros. Users can also write macros that will work in both WordPerfect 6.0 for DOS and WordPerfect 6.0 for Windows.

"No one moves DOS users to Windows better than WordPerfect," said Titensor. "Although other products may claim to imitate WordPerfect, WordPerfect 6.0 for Windows offers the best compatibility with WordPerfect files, macros and keystrokes, as well as cross-platform compatibility."

#### Making the Most of Windows

WordPerfect 6.0 for Windows takes advantage of the Windows environment more than any other Windows word processor.

Program Launching. Any Windows program or file can be placed on a Button Bar for quick access from within WordPerfect. For example, a user could drag the program file for Quattro Pro from the Windows File Manager to a Button Bar and then be able to launch Quattro Pro while working in WordPerfect. Or a user could place a Microsoft Excel file on a Button Bar and with a click of a button launchExcel and load the file.

Direct Spreadsheet and Database Import. Spreadsheet and database information can be directly imported into WordPerfect 6.0 for Windows. All leading spreadsheet formats and a variety of database formats such as Paradox, dBase, Oracle and popular SQL servers are supported. Users can perform queries on database files to extract only the needed information. Spreadsheets and databases can also be linked via Dynamic Data Exchange (DDE) or Object Linking and Embedding (OLE).

File Management. Users now have the power of the WordPerfect File Manager available right from the Open File dialog box. With the File Options button, users can copy, move, rename, delete, print and change file attributes, as well as create and rename directories. Files can be displayed and sorted by filename, extension, size, date/time, and descriptive name and type.

WordPerfect Draw. WordPerfect Draw contains the sophisticated drawing and charting tools from WordPerfect Presentations including Bezier curves and the ability to contour text on a curve. The charting module lets users turn table and spreadsheet data into a variety of charts: 3-D, bar, line, area, hi-lo, pie, and exploded pie charts. WordPerfect Draw works through OLE and is easily accessed by double-clicking any chart or graphic image. WordPerfect Draw also supports the TWAIN standard for direct access to scanners so users can easily scan any image into a document.

## Other Features

Spreadsheet in Tables. WordPerfect is the only Windows word processor to include advanced spreadsheet capabilities. The Tables feature contains nearly 100 built-in formulas, numerical cell formatting, automatic calculation, data fills, floating cells and named ranges.

TextArt. Co-developed with Bitstream Inc., TextArt lets users instantly create special effects with type using shapes, colors, fills and shadows.

QuickFinder. The QuickFinder rivals standalone packages with some of the fastest indexing and text retrieval in the industry. Users can index directories or groups of files and perform nearly instantaneous searches.

Grammatik 5. The most popular grammar checker is now fully integrated into WordPerfect 6.0 for Windows. Grammatik 5 is published by WordPerfect Corporation's award-winning Consumer Products Division.

Borders. WordPerfect 6.0 ships with more predefined and customizable border styles and fill patterns than any other word processor. Borders can be used for paragraphs, pages, columns, tables, table cells and graphic images.

## WordPerfect Focus on Usability

WordPerfect 6.0 for Windows was completely designed and developed around usability studies conducted in WordPerfect Corporation's state-of-the-art Usability Center. Nearly every feature in the product went through extensive usability testing to ensure that this product would be the easiest Windows word processor to learn and use.

More than 1,000 users participated in usability studies; participants were chosen according to skill level, experience with other graphical environments, and experience with particular word processing tasks.

WordPerfect Corporation also invited representatives from accounting, legal, education and business accounts to attend a week-long conference at the Usability Center. Participants brought their own work and were asked to accomplish their regular tasks using WordPerfect 6.0 for Windows. They had daily contact with developers to offer suggestions for improvements and changes.

In addition to improvements from usability testing, more than 653 unique enhancements have been added to WordPerfect 6.0 for Windows, representing nearly 12,000 customer requests.

## International Versions

By November 1993, WordPerfect 6.0 for Windows will be available in the following languages: English-UK, English-OZ, English-Canada, Dutch, Finnish, French, French-National, French-Canada, German-National, German-Swiss, Italian, Norwegian, Spanish and Swedish. By December 1993, WordPerfect will be available in Danish and Portuguese-National.

## Pricing

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Retail. The suggested retail price of WordPerfect 6.0 for Windows is \$495.\* Current WordPerfect users with any DOS, Windows or OS/2 version of WordPerfect can upgrade for \$129. A competitive upgrade is available for

The requirements are large, but they are necessary to provide the power needed for this astounding program. The 386SX or better CPU is

needed to run Win 3.1 in enhanced mode. The sound card with DAC is needed because this program uses digitized speech to talk to the child. But not only do the on-screen characters speak, but their lips form the words and letters in synchronization to the sound. After years of watching animated computer graphics have no morerelationship to the sound as a poorly dubbed Godzilla movie, I found this programming feat to be a revolutionary advance.

The purpose of Alphabet Blocks is teach children the alphabet and to learn the sounds associated with each letter. The program does this by allowing the child to play four different games with two on-screen coaches, Jack and Bananas. These coaches only offer positive encouragement and will assist the child when he does not know an answer. Correct answers are rewarded with verbal encouragement and visual surprises.

The four games allow the child to match letters, identify letters by name, identify letters by sound and identify words that begin with a letter sound. Parents can change various settings to make the games easier or more difficult depending on the skill of the student. The program itself has artificial intelligence and will present more advanced levels as the child becomes more competent. The coaches tell the student what to do in each game but I recommend that an adult be nearby to help the child if they have trouble with operating the mouse or understanding the instructions. If the child becomes bored or distracted, the coaches will prompt him to 'click on my nose' and laugh to draw his attention back to the game. This is definitely interactive software.

Here is a description of gameplay in one game. On the main screen you will see the two coaches, Bananas and Jack. If you click on Jack when he has a picture of three blocks above him, the child will play a game of matching one letter from a choice of three. Clicking on Jack, he will pronounce a letter name and it will be displayed on the chalkboard. The child will then choose the matching letter from three blocks. This sounds simple, but this is meant as an introductory game. Later, the child can play a game where he can choose from all 26 letters and Jack only pronounces the name of the letter without it being displayed. The child will naturally progress and will not become frustrated by the learning experience.

I think this software is great. My children enjoy it and they have learned a great deal. My oldest son is beginning to play Ready, Set, Read. This is the sequel to Alphabet Blocks and is meant to teach word recognition and reading skills. And an important note on Alphabet Blocks, Sierra has discounted the price on this program through their mailing offers and in discounts to some retailers. This program originally listed for \$40, but I have found it in KayBee Toy Stores for as little as \$14.99. Alphabet Blocks was an excellent value at the original price and it is a steal at the discounted price. I recommend this software for any preschooler who is ready to learn the alphabet.

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#### :HOW TO GET YOUR OWN GENIE ACCOUNT:

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Set your communications software to Half Duplex (or Local Echo)  
Call: (with modem) 800-638-8369.



by Randy Noak

Since it's Sunday as I write this, I was looking over the newspaper this morning and noticed that Best Buy is having a sale on the new Performa 475. The Performa 475 has a 25MHz 68040 CPU, a 160 meg hard drive, 4 megs of memory, and comes with keyboard, mouse, monitor and the usual Performa software package. Also included in the sale price is an HP Deskwriter C. What's amazing about all this is that the sale price is only about \$100 more than I paid for my Performa 450 without a printer about 6 months ago. Now, that \$100 gives the user a much more powerful CPU, a larger hard drive, and an inkjet printer. Pretty exciting stuff! No wonder Apple's sales have gone through the roof this last year. I think that this shows, that despite the fall in profits lately, Apple is clearly more concerned with increasing market share in the future than short term profits, which, in my opinion, bodes well for Mac users. Plummeting Mac prices have influenced the price of peripherals, with prices dropping there too. Lets hope that the introduction of the PowerPC Macs can maintain the momentum.

By now, we all know that John Sculley has left Apple. I'm sure that there will be reams of text written about this move, so I won't comment at this time. Of course, in true Monday morning quarterback fashion, I reserve the right to, depending on the final outcome, either praise or condemn the move in the future. Twenty-twenty hindsight is wonderful.

Every day I receive at least one piece of mail that has something to do with the Macintosh. Usually one, but more often three or four. I think my personal record is 11 pieces of Mac-related mail in one day. It's becoming clear that I could fill Mac Report with a Mail Call column every week and still never get caught up with the backlog. So, what's the solution? I've decided to include Mail Call in each week's column. I'll sift through the pile each week, pull out the mail that I feel is the most interesting and tell you about it. That should leave room in Mac Report for news, reviews, opinions, etc. As always, check out the Email addresses at the end of this column and let me know what you think. We'll start this next week.

Lets start out with a press release or two, courtesy Genie's GE-MUG Roundtable. In my mind, press releases are kind of a mixed bag. Sure you get some useful information, but you also get a lot of, "Joe Blow, Executive in Charge of Some Important Thing or Other, said, "Blah blah wonderful blah blah new paradigm blah blah leapfrog blah blah blah." , so I'm going to edit the press releases to try and eliminate most of the "Blah blah blah." If you recall, last week I made a big to-do about CD-ROM being the future of computing, so here is yet another Press Release proving, once again, that I am correct. Ahem. While you're at it, be sure and look for this weeks FREEBIE somewhere in this column!

MOVED OVER PR NEWSWIRE AT 11:07 AM, PDT, TUESDAY, OCTOBER 12,1993.

Ian Diery Keynotes at Macromedia Conference;  
Underscores Apple's Commitment to Multimedia

SAN FRANCISCO, California--October 12, 1993--In his keynote speech at the Macromedia Developer's Conference, Ian Diery, Apple Computer's executive vice president of the Personal Computer Division, today outlined how Apple plans to build the largest installed base of CD-ROM users by providing cross-platform multimedia authoring technologies and



leading-edge developer support programs. Diery said these plans are part of Apple's multi-pronged strategy to remain the industry leader in multimedia authoring and delivery systems...

#### Building a Foundation for Success

In his speech, Diery discussed three problems that have prohibited widespread adoption of multimedia technology--all of which Apple has successfully addressed in the past year. First, a small installed base of CD-ROM drives offered little business opportunity for title developers. Second, few media-rich applications existed as a result of slow video compression algorithms. And finally, CD authoring was prohibitively expensive for many commercial and consumer developers.

"Beginning with our commitment to CD-ROM technology as a foundation for success, Apple has invested in the future of multimedia by sacrificing more than \$100 million in gross margin in 1993 by offering CD-ROM drives at cost. We believe this investment will prove very profitable, very quickly. These efforts should result in the sales of more than one million Apple CD-ROM drives in this year alone," said Diery.

With more than 500 applications and 300 products shipping, QuickTime is well on its way to becoming the cross-platform standard for multimedia. By March of 1993, Apple shipped more than one million copies of Apple's QuickTime video technology to customers worldwide. And, because the same QuickTime movies will play on both platforms, the technical effort has been greatly reduced and the market opportunity significantly increased for CD-ROM title developers...

The Apple Media Kit allows authors to assemble content, such as graphics, video and sound, that has been created in other multimedia applications. It has been designed to improve title playback speed, and enable multiple platform delivery.

One million Apple CD-ROM drives being sold this year and that's not even counting those sold under other brand names. I wonder what percentage of the installed base that is?

Below is a pretty good deal, which just goes to show you that it pays to read these columns. Color It! is sort of a poor man's Photoshop/Painter. I have this program, and it works as advertised. I don't think that you can go wrong with this deal.

News Release  
For Immediate Release  
(Dcs Moines, Iowa)

MicroFrontier, Incorporated headquartered in Dcs Moines Iowa announced today that is would give away 1,000,000 (one million) copies of it's award winning Color It! image creation and editing program. Their headline reads:A Million ways to have fun, expand your creativity and increase your capability... and they're all FREE! Keith Woodard, president of MicroFrontier announced today that between October 1 and December 31, 1993, MicroFrontier will give away one million copies of Color It! its award-winning program for the Macintosh. To receive a copy one must simply call 1-800-949-5555.Woodard said that Color It! version 2.3 is a brand new release and that it is really two programs in one, a 32-Bit, 16 million color paint program and a professional image editing and creative package.

He further stated that "You should call today for your free\* copy. All you need is a color capable Macintosh. Once the free copies are gone, the price reverts to \$149.95. Don't wait. Even if you already have another paint, creative or editing program, You can't afford to miss this terrific offer!" Woodard also said "We have also included exclusive offers from other companies that compliment the capabilities of Color It! 2.3. From LaCie, Ltd. there will be a special offer (details were still being worked out at press time, look on the Color It! disk for more details); HSC Software is providing Kai's Power Tools(tm) Gradient Designer(tm); Lizard Tech is offering Planet Color(tm), their new image compression and conversion software for less than 10% of retail - a \$200.00 value; Digital Vision is offering a \$25.00 rebate on the purchase of their ComputerEyes/RT(tm) SCSI video frame grabber, Thunderware is offering the LightningScan Pro 256(tm) handheld gray scale scanner for only \$395.00 - a \$245.00 savings; Photone International is offering Photone Lite(tm) a professional four color separation program FREE; and Expert Software is offering a special discount on Expert Draw(tm). There will be some additional surprises included as the promotion progresses."

\* There is a non-refundable nominal fee of \$8.37 charged for order processing, shipping and handling. Offer valid in the U.S. only. MC/Visa will be accepted. or send check or money order to:

MicroFrontier  
P.O. Box 71190  
Des Moines, Iowa 50325

OK, so it's not completely free, but \$8.37 for the program is still a good deal. Image retouching must be the hot topic lately. Even Apple is getting into the market with a product called PhotoFlash.

Moved over PR Newswire at 5:32am, PDT, Monday, October 18, 1993.

Apple Unveils PhotoFlash--

The Fast, Easy Way to Add Photos to Documents

SAN FRANCISCO, California--October 18, 1993--Underscoring its ongoing commitment to desktop publishing, Apple Computer, Inc. announced a new software product called PhotoFlash for the Apple Macintosh personal computer that simplifies the process of getting photos into documents. PhotoFlash is designed to help users of page layout and presentation software quickly and easily access, enhance, and place photos in documents. PhotoFlash helps customers create visually appealing documents that communicate information with more impact. Apple plans to unveil the product on October 21, 1993 at Seybold San Francisco, an electronic publishing conference and exposition.

PhotoFlash has three key components: an integrated browser that simplifies selection of images, unique photo preparation tools that enhance images, and scripting capabilities that place images into popular page-layout applications and automate routine tasks....

Fast and Efficient Operation

Most imaging applications require a substantial amount of memory and disk space in order to run. PhotoFlash, however, is optimized to manage digital images. As a result, it requires much less memory and disk

space. PhotoFlash also comes with integrate image compression technology and a unique selective compression feature that allows users to compress different areas of a photo at different levels, offering users the quality they need and the file size they want. Furthermore, PhotoFlash can be accelerated by PhotoFlash-compatible accelerator cards, including the ThunderStorm and Thunder II series from SuperMac Technology and Charger series from DayStar Digital. The technology for PhotoFlash was developed by Storm Technology of Mountain View,CA and is licensed to Apple Computer, Inc....

Support for Peripherals and Other Formats, including Kodak PhotoCD

PhotoFlash accepts Adobe Photoshop plug-in modules for special effects, as well as import and export capabilities, giving users the ability to work with many scanners, printers, digital cameras and other peripherals. PhotoFlash supports a wide variety of file formats, including PICT, TIFF, JPEG, Photo CD, PhotoShop, EPS, and DCS, and can work with RGB, CMYK or grayscale images. In addition to optimized file access routines for other formats, PhotoFlash incorporates accelerated Photo CD routines to speed image access....

#### Product Contents and System Requirements

PhotoFlash includes the PhotoFlash application, integrated browser, automated scripts for use with Aldus PageMaker and QuarkXPress, scripts for automating PhotoFlash functions, and the AppleScript and QuickTime system extensions. A sampler of color photos is also provided, along with a tutorial, a comprehensive user's guide, and unlimited customer support. Apple recommends PhotoFlash customers use the software with an Apple Macintosh or PowerBook computer with a 68020 or faster processor, at least 8MB of RAM (3.5MB of application RAM), and Macintosh system software version 7.0 or later.

#### Pricing and Availability

Apple plans to make PhotoFlash available for a suggested retail price of \$279 beginning in late November of 1993. The company also plans to distribute it through software resellers, Apple authorized resellers, and through Apple's volume licensing program.

Hmmm. Maybe this is a sort of Ofoto for photos? What this may mean for the average user is downward pressure on image retouching program prices. Lets all hope for a PhotoShop competitive upgrade deal.

Looks like competition is heating up in the Mac word processing field with WordPerfect releasing version 3.0 for the Mac. There is a competitive upgrade price on this program, so it may pay to check it out. At least you shouldn't have to worry about cross platform compatibility, since Mac Word Perfect files use the same format as DOS Word Perfect files. .

#### WORDPERFECT CORPORATION RELEASES WORDPERFECT 3.0 FOR MACINTOSH

Version 3.0 provides integration and compatibility with other WordPerfect Corporation products

OREM, Utah    October 5, 1993    As part of an unprecedented year of product releases, WordPerfect Corporation today released WordPerfect 3.0

for Macintosh, establishing the new version as the technological leader in Macintosh word processing.

WordPerfect 3.0 includes an innovative interface that simplifies access to many product features. WordPerfect 3.0 also contains feature compatibility with new versions of WordPerfect on other platforms, as well as support for Apple Computer's System 7 Pro, which combines PowerTalk, AppleEvents, AppleScript, WorldScript and QuickTime....

WordPerfect 3.0 provides more integration by allowing users to access Grammatik 5 and WordPerfect Office 4.0 directly from the Button Bar. For example, users can take advantage of the E-mail portion of WordPerfect Office by clicking on the Button Bar to send and receive messages, or to send documents from the WordPerfect document window.

The upgrade also provides increased compatibility with WordPerfect 6.0 for Windows by including the same 25 TrueType fonts from Bitstream, Inc. WordPerfect 3.0 files can now be opened in WordPerfect 6.0 for DOS and Windows automatically, so users no longer need to export files to the version 6.0 format.

Many user enhancement requests have been added to WordPerfect 3.0. Some powerful additions include the following:

**Ruler Bars.** In each document window, users can expand the Ruler to display various Ruler Bars that provide quick access to both basic and advanced features. Using the Control Bar, users can control which Ruler Bars appear. Users can also display additional Bars for Layout, Font, Styles, Tables, List and Merge functions.

**Button Bars.** WordPerfect 3.0 includes three pre-defined Button Bars for use when editing text, graphics or equations. Users can customize multiple Button Bars for common tasks such as bullet indent, quick sort, and creating headers and footers. The Button Bar appears outside the document window and can be displayed along the left, right, bottom or top edge of the screen. Button Bars are also context-sensitive; the Graphic Button Bar appears while using the Graphic Editor, and the Equation Button Bar appears while using the Equation Editor.

**Tables.** With the new Tables feature, users can create tables of information in columns, rows and cells. Tables can be freestanding or contained in a movable box in a document. Buttons on the Tables Ruler Bar allow users to insert or delete rows and columns, join or split cells, and fill cells with colors or patterns. Users can create custom borders in a table and manipulate the graphical lines that make up the table structure. Existing text can be converted to a table and vice versa. Users can also perform basic math calculations in a table.

**Equation Editor.** The Equation Editor allows users to create and edit mathematical expressions in a document. With the Equation Tool Palette, users can create all the elements of an equation such as fractions, exponents and matrices. Users can also display and edit equations created in other programs such as WordPerfect for DOS and Windows.

**Drag and Drop Text.** Users can easily move or copy selected text in a document by clicking and dragging it. Text is copied to a new location by pressing the Option key while clicking the selection.

**Document Preview in Open Dialog.** In the Open dialog box, users can quickly preview WordPerfect documents and graphics without opening them.

Other key features include three different types of columns and borders created from 36 line styles and 64 patterns, text boxes, styles, graphic drawing tools, macros, sort, indexes, tables of contents, merge, stationery and zoom editing.

The retail price for WordPerfect 3.0 is \$495, and full package upgrades for current WordPerfect users is \$59.95 through December 31, 1993. Users who own any competing word processing package may trade up to WordPerfect 3.0 for \$99 through December 31, 1993.

WordPerfect 3.0 runs on any Macintosh computer with a hard drive. The product requires 2M (System 6.0.7 or higher) or 4M (System 7.x) of RAM.

Apple should be announcing some new machines and lower pricing on some older machines this week. In the meantime, Apple is offering us tantalizing peeks at what the future holds for Macintosh users. PowerPC looks like it will be all that we could ask for. Here's an edited press release.

THE FOLLOWING MOVED OVER THE PR NEWSWIRE AT 8:34 AM, EDT, TUESDAY, OCTOBER 19, 1993.

Momentum Builds For Macintosh With PowerPC

Apple Outlines Growing Developer Support, Upgrade Program and New Levels of Performance

CUPERTINO, California--October 19, 1993--In a series of announcements at major industry events this week, Apple Computer, Inc. is demonstrating growing momentum behind and support for the next generation PC platform: Macintosh with PowerPC. The PowerPC is a new RISC-based microprocessor family under development by Apple, IBM and Motorola. Macintosh with PowerPC will bring a new level of performance and functionality to personal computing at low prices.

In summary, Apple announced the following:

- Seven additional software developers have announced plans to develop new versions of applications that tap the power of Macintosh with PowerPC.
- Plans to deliver higher clock speeds for RISC-based Macintosh systems.
- Additional details on its PowerPC upgrade program for current customers.
- Delivery of first silicon of the PowerPC 603, the second member of the PowerPC family of chips designed jointly with IBM and Motorola.

This week's progress update coincides with three major conferences where PowerPC will be discussed: the Microprocessor Forum in Burlingame, CA, the Seybold Publishing Conference in San Francisco, and the EDUCOM education conference in Cincinnati. Re-affirming that Apple is on schedule for its planned introduction of systems based on new RISC technology during the first six months of 1994, Apple plans to exhibit Macintosh with PowerPC prototype systems and demonstrate a selection of

applications that are under development at both Seybold and EDUCOM.

"Just as the current Macintosh platform continues to gain marketshare, our next generation Macintosh with PowerPC technology continues to gain momentum," commented Ian Diery, executive vice president and general manager of the Personal Computer Division. "PowerPC represents a major milestone for Apple, our customers and the industry. Not only is Apple readying new mainstream systems with radical improvements in price/performance, but we are providing our customers with an on-ramp to the future of personal computing. Because of the imminent arrival of Macintosh with PowerPC, we want to keep our customers well informed of our progress."

#### Major Developers Committed to PowerPC

Notably, Apple announced seven new developers worldwide have unveiled plans to deliver "native" applications for Macintosh with PowerPC. (A native application is an application that has been recompiled for the PowerPC chip. Native applications take full advantage of the superior speed of PowerPC technology.) Together with 11 leading developers who previously announced their support, this brings the total number of developers who have announced applications support on Apple's platform to 18. The seven new developers include the following: Artwork Systems, N.V., Canto Software, Inc., Fractal Design Corporation, Graphisoft, Great Plains Software, ITEDO Software GmbH., and Wolfram Research, Inc.

Developers previously committed to developing native applications include: Adobe Systems Inc., ACIUS Inc., Aldus Corporation, Claris Corporation, Deneba Software, Frame Technology, Insignia Solutions, Microsoft Corporation, Quark, Inc., Specular International, and WordPerfect Corporation.

At both the Seybold and the EDUCOM conferences, Apple plans to publicly demonstrate for the first time a selection of native applications that are currently under development by some of the industry's leading software publishers. These demonstrations underscore the significant performance gains users should be able to achieve with native applications in the future. Planned demonstrations include the following:

- Aldus FreeHand, one of the world's most popular professional drawing programs.
- Insignia SoftPC, a program which will allow Macintosh users to run DOS and Windows applications with good performance on the PowerPC processor. This creates a migration path to Macintosh with PowerPC for DOS/Windows users.
- Adobe Photoshop, the leading image processing program for publishing and multimedia users worldwide.
- Fractal Design Painter, the premier publishing and multimedia tool for image enhancement.
- Specular Infini-D, a major 3-D modeling and rendering package for the Macintosh environment.
- Wofram Mathematica, the world's leading mathematical modeling package for education and business.

Apple continues to work with these and hundreds of other developers worldwide to ensure the availability of a wide range of leading applications and to help create entirely new categories of products, enabled by the powerful new PowerPC architecture. (For a complete listing of developers supporting Macintosh with PowerPC, see the attached third-party summary sheet.)

In addition to native applications, Macintosh with PowerPC will run thousands of existing Macintosh applications based on Apple's current System 7 operating system. Apple's chief goal in introducing PowerPC is to retain a high degree of compatibility with existing Macintosh applications. Addressing compatibility, Nagel said: "Because Apple controls both the hardware and software, our compatibility is rock solid."

#### Affordable Upgrade Paths

Today, Apple also announced plans to ship upgrade products simultaneous with the initial introduction of Macintosh with PowerPC systems, and added an upgrade path for Apple Workgroup Servers (See related release today).

Earlier this year, Apple announced an aggressive upgrade program for PowerPC technology in order to ensure the highest degree of customer satisfaction for customers as they transition to Macintosh with PowerPC. At that time, the company announced that it would offer upgrades for six Macintosh desktop computer models. Models included: the Macintosh Centris 610 and 650 computers, Macintosh IIfx and IIfx, Performa 600 and Quadra 800. Since that time, Apple has added two new desktop models to the list with the introduction of the Centris 660AV and the Quadra 840AV.

Upgrade prices will vary by model, with upgrades expected to start at below \$1,000. Specifics on various upgrade options are expected to be announced in conjunction with the introduction of PowerPC technology-based systems. Apple and third parties continue to work on upgrade paths for other Macintosh models.

#### Increased Microprocessor Performance

In co-operation with IBM and Motorola, Apple announced that the performance of the PowerPC 601 chip has exceeded original goals and plans to ship at higher frequencies (speeds) than earlier announced.

The minimum speed of RISC-based Macintosh systems has been increased from 50MHz to 60MHz. Additionally, Apple announced that it also plans to ship 80MHz systems during 1994. Last May, Apple exhibited an 80MHz prototype system as part of a technology demonstration at its Worldwide Developer's Conference.

Also this week, Apple with IBM and Motorola announced that the second PowerPC chip, the 603, has reached first silicon. Motorola and IBM unveiled the new chip at the Microprocessor Forum in San Francisco. The first silicon for the PowerPC 601 processor, which is at the heart of the first generation of Macintosh systems based on PowerPC, was announced last fall at the Slater Microprocessor Forum.

Here's some news that we've all been waiting for; the new Macs. Apple is simplifying the product line, and adding some powerful new products at very competitive prices. "Honey, lets give the kids this

Performa and buy a nice new Quadra for my office." What do you think? Will she buy it?

MOVED OVER PR NEWSWIRE AFTER 8:15 AM, EDT, THURSDAY, OCTOBER 21, 1993.

Apple Accelerates Marketshare Strategy, Rolls Out Competitively Priced Macintosh Models Streamlined Product Lines and Performance Improvements are Part of Fall Offering.

CUPERTINO, California--October 21, 1993--Apple Computer, Inc. today announced a host of new Macintosh computer models that cost less, while delivering increased functionality and greater value to home, education and business users. Prices for new models are expected to start at \$969.

"This introduction sends a clear message to the marketplace: we have smashed the price barrier long associated with Apple products", said Ian Diery, executive vice president of Apple's Personal Computer Division. "Today one of the last remaining obstacles to greater Macintosh acceptance - price competitiveness - tumbles down. As proven by our year-end results there is growing momentum behind the Macintosh platform. These announcements reinforce Apple's steadfast commitment to expanding market share even further."

Along with seven new personal computers for home, education and business --including entry-level systems which make the power of the Motorola 68040 microprocessor more accessible and affordable-- and two new printers, Apple announced performance improvements on two existing mid-range models and took action to streamline its product lines to simplify purchase decision-making. Apple also unveiled a new pricing structure - ApplePrice - and an advertising campaign to support new products and underscore its commitment to price competitiveness.

#### Performa - Three New Offerings

A range of new Performa products were introduced today with prices for the line expected to start at \$999. New models include:

The Performa 460 series, based on a Motorola 68030 microprocessor running at 33MHz.

The Performa 470 series, based on a Motorola 68040 microprocessor running at 25MHz.

The Performa 550, which is an all-in-one design featuring built-in CD-ROM, microphone, stereo sound and a Sony Trinitron color monitor, comes with a variety of CD titles.

Now celebrating its first year on the market the Performa line has been successful in attracting first-time computer buyers through the retail channel. Designed to fit the needs of people working and learning at home, the Performa line features all-in-one box computing solutions including software and hardware chosen specifically with home users in mind. All Performa prices include a keyboard, color monitor, 12-17 software titles and a fax/modem. In the U.S., Performa is available at more than 5000 retail outlets nationwide.

#### LC - New 040-based model for Education

Today's addition of the LC 475 adds the robust performance of the Motorola 68040 microprocessor to one of the best-selling product lines



in the industry. The LC line, one of the industry's most popular personal computers lines and the workhorse computer for the education market, fits the need for high-performance but very competitively-priced products. For qualified education institutions the price of the LC 475 (including keyboard and mouse) will range from \$1082.

Quadra - 605, 610 and 650 join the business line

With the Quadra 605, a 25MHz LC040-based model, business customers will find choices in the Quadra line designed to meet their needs. Prices are expected to start at \$969. Formerly part of the Centris line, the 610 and 650 models have been revamped for increased performance. The 610 features a 25MHz 68040 microprocessor, built-in Ethernet and an optional built-in CD ROM drive. The 650, a 33MHz 68040 based system is very expandable, having three Nubus slots and an optional CD-ROM drive. With the Quadra and Centris lines now consolidated under the Quadra brand name Apple offers business and professional customers a range of products that combine competitive pricing, high performance and advanced features and correspond to the broad needs of today's corporate and professional marketplace.

PowerBook - Active Matrix Duo 250 and 270c

Apple today became the first computer notebook vendor to introduce 16-bit color and the first to produce an active matrix notebook computer weighing less than 5lbs. Another plus for the new PowerBook Duos is a 50% increase in battery life. The PowerBook Duo 250 is a 4.2 lb active matrix grayscale notebook with battery life of up to 6 hours. The PowerBook Duo 270c, a color active matrix notebook is capable of displaying thousands of colors and has a battery life of up to 4 hours. It weighs 4.8 lbs.

LaserWriters - new Select 360 and Pro 810

Two new LaserWriters also hit the dual goals of aggressive pricing and customer satisfaction. The LaserWriter Select 360 is positioned to be a price leader in its class. Offering the ability to connect to both Macintosh and DOS/Windows networks, it is ideal for small workgroups. Larger workgroups will appreciate the features of the LaserWriter Pro 810 which has the advantage of connecting simultaneously to four network environments and offers up to 64 virtual printing possibilities. Both printers support PostScript Fax options for plain paper, high quality network fax capability.

The LaserWriter Select 360 is a 10 page per minute, 600 dots per inch (dpi) printer with the ability to connect to both Mac and DOS/Windows environments. The LaserWriter Pro 810 is a 20 page per minute printer capable of printing at up to 800 dpi. Compatible with Macintosh, DEC, Novell and Unix environments, it provides simultaneous printing for IPX, TCP/IP, AppleTalk and Digital LAT protocols via the built-in Ethernet interface.

Simpler Product Lines

With this introduction, Apple moves to consolidate its business and professional products by folding in the Centris line under the umbrella of one brand name - Quadra.

"We are responding to customer requests for a more simplified product line to choose from," said Diery. "With this introduction, Apple

offers business and professional customers a single identifiable business brand with a range of products that combine aggressive pricing, high-performance and advanced features. Within the line are a variety of products that correspond to the broad needs of today's corporate and professional marketplace".

In addition, in the U.S., Apple plans to focus its four product lines by markets and channels of distribution : the Performa line for people working and learning at home, the LC line for education, the Quadra line for business and professional users, and the award-winning PowerBook line of notebooks to meet the needs of mobile professionals.

#### New Pricing

The Apple USA division of Apple Computer today announced it is eliminating the use of the term Suggested Retail Price (SRP) in product announcements, price lists and advertising. This is consistent with an industry-wide trend to replace SRPs with more representative price comparisons. Apple is replacing SRP with ApplePrice. ApplePrice is the price at which Apple intends to sell its products to customers who are purchasing as few as one unit from one of Apple's direct sales programs, such as the Apple Catalog. ApplePrice is expected to fall within the general range of prices offered by Apple's Resellers.

#### New Advertising Campaign

Concurrent with its product announcement, Apple kicked-off an advertising campaign driving home its commitment to price competitiveness. Under the banner of "Macintosh. It does more. It costs less. It's that simple." a series of TV, print and radio spots draw attention not alone to price but to the Macintosh's comparative advantages regarding ease of use, intelligent integration of hardware and software and ease of set-up.

#### Energy Star

All three new desktop products - Performa 470 series, LC 475, Quadra 605, both of the new PowerBook Duos, and the LaserWriter Select 360, qualify for the EPA's Energy Star logo.

#### Pricing and Availability

In the U.S. all desktop and PowerBook products are immediately available. Both printers are expected to be available early November and the Performa 550 is expected to be available mid November. For further information, customers in the United States should call the Apple Referral Center at (800) 538-9696. Pricing and availability may vary by country. Prices quoted below are ApplePrice. Apple Price will fall within the general range of street prices offered by our resellers.

Model	ApplePrice
Performa	
460 series	From \$1299 to \$1499
470 series	From \$1599 to \$1799
550	From \$1949 to \$2049
Quadra	
605	From \$969 to \$1269
610	From \$1439 to \$2159

650                                From \$2399 to \$3339

PowerBook Duo

250                                From \$2599 to \$3099

270c                               From \$3099 to \$3619

Apple Printers

LaserWriter Select 360        \$1599

LaserWriter Pro 810         \$4899

Finally, here's a posting from GENIE's GE-MUG RoundTable. I found Spectrum Holobyte's Falcon to be a real time-waster since I spent a lot of time flying when I should have been working. Not that it wasn't great fun, but, well, work must be done. From preliminary reports, Hornet appears to be an even better flight simulator, so if future Mac Report columns are missing from Silicon Times Report, you'll know why.

GE-MUG (Macintosh) RoundTable

Category 5, Topic 16

Message 12                      Wed Oct 20, 1993

R.DIFFLEY [ Diff ]             at 22:47 EDT

Here's some insightful comments I picked up from the Net on this new game. After reading these, you'll want to use your charge card right away (-:

=== Cut Here ===

Now that Hornet is out, I can finally break the silence that I had to endure during the Non-Disclosure. It is cool. An unbiased opinion, this is a game that rivals the SGI simulator performance wise, and realism wise it tops it.

The only difference here is that this is on the Mac and not the SGI. The graphics that are used, are good for the speed that things are running. It will be nice to see what if anything they have planned for the PowerPC (once it becomes a reality) Texture mapping would be nice, but probably processor expensive. We'll have to see.

As far as realism goes, this is the closest that people will get to flying the F/A-18 without 4 years of school, and an Officers commission in the Navy.

I personally like the ability to Launch and Recover from an Aircraft Carrier.

Having served aboard the USS America during carrier qualifications of the Hornet during the late 1980's I can say that this is a really cool game, and very close to the real thing. The only things that are missing are the sense of smell (boy that jp5 is great!!) and the excitement that you feel when you catch a wire, or launch from a Catapult.

Missions are a bit on the tough side, the enemy is smart, and requires a bit of low-flying to avoid things like incoming SAM, and AA fire. The radar modes in the cockpit will give you a bundle of information (read the manual!!) that you can use to your advantage.

Dogfighting is something you have to experience. It is different than any

other simulator on the market, because the Hornet is a different plane. It moves differently than the Falcon. It is a nimble sort of plane that when caressed the right way will do things that other planes only dream about.

Speed, well that is something too. When you want to hurry the mission along, do the command (f), and buckle the seat belt!! This baby cooks!! the best thing to do is put on the AP, and goto the outside view, and watch things fly by. These guys did a nice job on this flight model.

I did not get to test the network version, but I am sure that is exciting.

While there are some things that I am sure people will find something's wrong with this program, this first release blows Falcon MC out of the sky as far as speed, graphics, and playability in my book. Spectrum take note, my Falcon flies NO MORE!!

Enjoy this game, it will be cool to see when the mission disks hit the market!!

== Cut Here ==

-> Diff <-

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That's it for this week. Next week, we'll do some mail, maybe finally get to the BBEdit review, see if I've received any of the software or hardware I've ordered, and try and find some more FREEBIES. As always, please feel free to send your comments or questions to:

Compuserve: 70323,1031  
GENie: R.NOAK  
America OnLine: RandyNoak

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IMPORTANT NOTICE!  
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STReport International Online Magazine is available every week in the ST Advantage on DELPHI. STReport readers are invited to join DELPHI and become a part of a friendly community of enthusiastic computer users there.

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ATARI/JAG SECTION (III)  
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WHAT'S NEW in Compuserve's ...

ATARI FORUMS (October 22)

ATARI PORTFOLIO FORUM MERGES WITH PALMTOP FORUM

The Atari Portfolio Forum will be closing on Friday, October 22, 1993, and all activity and libraries will be moved to the PALMTOP FORUM (GO PALMTOP).

We would like to welcome all Atari Portfolio owners to the Palmtop Forum. Section 9 and Library 9 are designated as the home base for continued Portfolio support. You'll find over 750 Portfolio files (most are DOS compatible) from the former Portfolio Forum available there. Owners of other DOS palmtops should check out these files as many are not Portfolio-specific and will run on your units.

NEW FILES IN CODEHEAD SECTION OF ATARI VENDORS FORUM

Download the following new files from LIBRARY 16 of the Atari Vendors Forum (GO ATARIVEN):

- W9380U.TXT - Press release describing version 3.80 of Warp 9
- THRONE.LZH - A different sort of flying appliance...
- EASYUP.TXT - CodeHead makes it easier to upgrade Warp 9
- CLOK11.LZH - New EOS Clock fixes config save bug
- CLOCK.LZH - Does anybody really know what time it is...

DESKTOP FUN!

Download file DESKFX.ARC from LIBRARY 14 of the Atari Arts Forum (GO ATARIARTS) for a picture Desktop, an Animated Mouse, and a font program in one(!). Personalize your color ST with any Degas pic you like instead of a green desktop, you can even create your own animated mice with ANIMOU.ARC (a separate download). Works in low and medium rez, resident while you work/play.

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> FLASH II STR Review     "...do-it-all telecommunications program."  
"....."

#### Flash-II Review =====

by Robert Trowbridge, ctsy Delphi Atari Advantage

Are you still looking for a killer, do-it-all telecommunications program? (Allows you to connect your computer/modem to another computer/modem)? Well this program may be the best choice that we have to date. It has most of the features considered to be required of today's telecommunications programs, various terminal emulations, file transfer protocols (including today's defacto standard Z-Modem) and also includes a program, Silent Line to allow you to do file transfers in the background. I had used InterLink v. 1.85 before this and didn't like having to load an external program to do Z-Modem file transfers. The program can be controlled with either the mouse or an extensive set of keyboard commands.

When you first boot the Flash-II program it comes up in the Editor screen. Across the top are your various drop down menus. From the left hand side they are, DESK - for access up to the usual six desk accessories, as well as information about Flash-II. FILE - for various file setting options, DRIVE - set the default disk drive, LOAD - load a file into the capture buffer, SAVE - save the capture buffer (the extender controls how the buffer file is saved, TTY, ANS, GIF, etc.) , DELETE - delete disk files, RENAME - rename files, LOAD.DO - load .DO files from the old Flash, SAVE.DO - for saving .DO files that you have used the Editor to create, LOAD DEFAULTS - for loading one of a set of multiple default configuration files, SAVE DEFAULTS - for saving current settings to the default configuration file, SAVE DEFAULTS AS - for saving multiple default configuration files, DISK SPACE - check for free space on floppy or hard drive partitions, RUN PROGRAM - run external programs, PRG, TOS or TTP and QUIT - to exit from Flash-II, it even prompts you whether you want to save the buffer contents. The background downloading program, Silent Line will continue to work if it was in use if FLASH-II is exited.

CAPTURE - control the capture buffer, CLEAR - clear the capture buffer, REVIEW - replays a saved capture buffer, PRINT - print to the parallel port, MEMORY - set how much memory that the capture buffer can use.

TRANSFER - set file transfer options, DOWNLOAD - receive a file from another system, UPLOAD - send a file, capture buffer or part of a capture

buffer to another system, OPTIONS - set options for whatever file transfer option has been selected, CIS B+ - for sending packets to CompuServe in VidTex mode, IMMEDIATE - selects whether file transfers start as soon as the file name is selected or waits, SILENT LINE - selects background transfers, The file transfer protocols supported are, ASCII, XMODEM, YMODEM, MODEM7, WXMODEM, KERMIT, SEALINK and ZMODEM. The manual goes into detail about each one and provides an Xmodem downloading example.

PHONE - DIAL BOARDS - dial up to 40 pre-defined boards, each having its own set of parameters. DIAL NUMBER - Dial one time numbers. ORIGINATE CALL - Force a connection after using the DIAL NUMBER option. ANSWER CALL - Answer a call from another modem. TERMINATE CALL - Disconnect from another system. LOAD BOARDS - Load another set of up to 40 boards. SAVE BOARDS - Save the default board configuration, or the configuration loaded with LOAD BOARDS. SAVE BOARDS AS - Save alternate board lists using a different name than the default name. DELETE BOARDS - Delete one or more boards. EDIT BOARDS - Modify or add boards, setting the board name, telephone number, Logon ID, Options, etc. AUTO EVENT LOG - Track your usage of the boards you call. AUTO BOARDS - Automate the logon and download process.

BLOCK MENU - provides commands for handling data in the Editor buffer.

MARK START - Mark the start of a block. MARK END - Mark the end of a block. UMMARK - Unmark the current block. FIND START - Move to the beginning of a block. MOVE - Move a marked block somewhere else in the Editor buffer. COPY - Repeat a block of info to another location in the Editor buffer. DELETE - Delete a marked block. REFORMAT - Reformats the text to the set column width. LOAD - Merges a file into the Editor buffer starting at the cursor's position. SAVE - Save a marked block to a file. APPEND - Save a marked block, adding it to the end of an existing file. PRINT - sends a marked block to the parallel port. SEARCH - Search or search & replace within the Editor buffer.

OPTIONS - modify the configuration of FLASH-II. EDITOR - Set columns, Tabs, Display of control characters, Display of carriage returns, Whether you replace or insert when typing in characters and whether sentences are word wrapped or not. TERMINAL - Set full or half duplex, Set whether Xon & Xoff are used, Turn Capture on or off at the startup, Set escape sequences filter to to remove control codes for modes such as ANSI or VT100, Add a line feed to any carriage returns that are received, Add a line feed to any carriage return sent out, Translate the Atari 8-bit control codes to Atari ST control codes, Set smooth or jump scrolling, Set sentence word wrap, Set rubout, Set cursor on, off, blink, no-blink, Set the function keys to locked or unlocked when in DEC emulation mode, Set columns to 80 or 132, Set rows to 24, 29 or 48, Set a light or dark background, Lock user features, Set 7 or 8 bit control codes usage, Set 7 or 8 bit character codes usage, Set print mode to screen or screen & printer or printer only, Set the screen area to be printed when <SHIFT/HELP> is pressed, Set whether a form feed is added after a print command, Set the keypad to be either numeric or application specific, Set cursor keys to normal or application mode, Set character set to IBM, Atari ST or DEC, TYPE AHEAD - Select hard C/R after each line or at the end all text in the type ahead buffer, RS232 - Set baud rate or MIDI, Set parity, Set databits, Set stopbits, MODEM OPTIONS - Set modem prefixes, Set modem suffix, Set redials, Set connect type, Set DCD connect time, Set DTR disconnect time, MACROS - Define the function keys (F1-F10) to do strings of commands, CLOCK - Set 12 or 24 or no type of display, Set time, Set date, Set autoset to Never, Compare or Always, Set currency symbol, Set

UTC time offset, SILENT LINE - Set the buffer size, Set whether progress is monitored by time or blocks, Set clock in Silent Line to 12 or 24. The last thing on the top line in the upper right hand corner is a realtime clock. The next line displays the word "Editor" to let you know that you are in the Editor screen as opposed to being in the Terminal screen. The third line of the Editor screen has a status line showing you the amount of free capture buffer space, the amount of used buffer space, the width of the Editor screen, the size of the tabs, and whether it is in Insert mode or not. Below those three lines are the 20 lines reserved for viewing or entering data. There is a vertical and horizontal scroll bar along the bottom and the top.

The Terminal screen is accessed by pressing the right mouse button when you are in the Editor screen. It consists of a single status line at the top followed by either 23 or 47 lines where you receive the information from the other system. The status line contains the Amount of capture buffer free space, VT status if you are using a VT screen mode, Databits, Parity, Stopbits, Duplex and Baud rate. Some of the keys stroke(s) and their results are, HELP - listing of macro functions and special keystrokes, UNDO - abort file transfer or exit type ahead window, INSERT - invokes the terminal command line, SHIFT/HELP - ASCII dump of the terminal to the printer, ALT/C - toggle capture buffer on and off, ALT/H toggle printer echo, ALT/W - clear capture buffer, ALT/X - Exit Flash-II, ALT/Y - sends screen data to the capture buffer, even if its turned off, LEFT MOUSE BUTTON - exits the terminal screen and calls the Dial Boards dialog. There are other key combinations that vary depending on what terminal emulation you are in. The type ahead editor is called by pressing ALT/O. It consists of a 3 line buffer that is most useful when talking to other people online in realtime. You can compose sentences while other people are entering their sentences and theirs scroll above the type ahead window.

The following info is from the manual as I haven't tried using the Silent Line program. Silent Line, the background file transfer program can only be used if it is loaded from the auto folder when the computer is first booted. You can start a download and then exit Flash-II to use another program such as a word processor or a database. The manual cautions that other reset proof programs such as ramdisks won't work right when Silent Line is being used. Any programs to be transferred must be able to fit into the file transfer buffer. When a Silent Line file transfer is in progress and you exit the Terminal mode most of the Flash-II menu options are no longer available as their use could interfere with the Silent Line file transfer. The text editor can be used though.

Flash-II in addition to the macros also has the capability to use a scripting language just like the original Flash. These of course are the (in)famous .DO scripts. The macros (mini scripts) can be entered either for each board or globally. They can also be used to start a .DO script.

I found Flash-II to be easy to set up and use. It was just a matter of running the install program to register my copy and then copying the files onto another disk that was set up with my other programs that I boot up with each time. It appears that the install program was thought of as a later effort to combat software piracy as it was only noted on a added sheet of paper. The package comes with signup information for both GENie and Compu\$erve. Per the manual putting Flash-II onto a hard drive is just a matter of copying the files to appropriate folders. It recommends setting up a separate folder for the files that don't go into the auto folder.





Now, let's get to the good stuff...

From the Atari Productivity Forum  
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John Devlin asks:

"Does anyone know if its possoble to connect a modem to a mobile phone (I live in the UK).

The reason for the question is that Mercury Telecommunication are offering free calls between 7pm & 7am, for local calls, in this case this is a bout 45 mile diameter circle."

Master Sysop Ron Luks tells John:

"If by "mobile" phone, you mean cellular phone, then I believe you have to get a cellular modem."

Jonnie Santos talks about his setup with FOLDERXXX:

"I chose the FOLDRXXX.PRG and set it to 500. That should do it for now."

Peter Joseph jumps in and asks:

"500!! Wow, you plan on having a lot of folders. I have mine set to 100 and I doubt I'll ever need that. You do know that that's gonna eat up about 68k of memory right? (or is it 66k)"

Jonnie now asks:

"Anyone know how many folders I can have with TOS 1.62? I've got a STe and I've used the FOLDRXXX.PRG but now I also have an option to increase the folder limit with the ICD utilites that came with my new hard drive."

Alan Moore tells Jonnie:

"With FOLDRXXX.PRG you should be able to increase the limit to any number you require, the only consideration is the ammout om memory, (the bigger the limit the more memory you use), but only if memory is tight."

Jonnie asks:

"But how many folders does TOS 1.62 support in the first place? It may not even be necessary that I increase the folder limit in the first place."

Alan tells Jonnie:

"TOS 1.62, if I'm not mistaken, has the 40 folder bug, if you open more than that in one session then you will get garbage on the screen and you will need to re-boot, if you have a hard disk then I would suggest you use FOLDRXXX.PRG but if you only have floppies then you would never reach the limit of 40 folders so the patch prg is not needed."

Jonnie tells Alan:

"TOS 1.62, if I'm not mistaken, has the 40 folder bug, if you open more than that in one session then you will get garbage on the screen and you will need to re-boot, if you have a hard disk then I would suggest you use FOLDRXXX.PRG but if you only have floppies then you would never reach the limit of 40 folders so the patch prg is not needed."

David Burns tells us:

"...Guys like Keith and systems like C-Serve are keeping guys like me going right now. I live in a non-Atari market (FL), so there's neither sales nor service support, no allies to call when I dig myself in deep. All my cyber buddies are doing DOS [this is your brain on DOS], so it just makes my day when I dumb my way into a jam that half a dozen guys quite willingly jump in to help bail me out. By the way, I've downloaded some of the PS fonts recently and have run them on Pagestream: they look just mahvelous! Any tips on speeding up the screen re-draws of these fonts?"

My buddy ,Brian Gockley of ST Informer, tells David:

"One of the best things you could do is to buy Warp9 from the Codeheads. It will speed up your screen redraws by 30%!"

Now that is good advice. Warp9 3.80 is a GREAT product that works wonders! Anyone who doesn't have Warp9 should have to use (shudder, shudder) DOS as a punishment.

Boris Molodyi, another mainstay here in the Atari Forums, tells David:

"In addition to what Brian had advised (Warp 9), you also may consider BITMAKER from MegaType Software. It creates screen fonts from PS fonts (either PageStream or Type1) and actually gives even better speed increase. Of course, with Warp9 you will see speed increase everywhere, not only in PgS, but if you use PgS much, then I think that BitMaker is an essential utility, since Soft-Logik never cared to implement caching of font outlines, and redraws take a lot. With BitMaker you have screen bitmaps ready-made, and speed increase is something to be seen."

DI Johnson pleads:

"Help! - A friend of mine needs to replace the floppy drive in his 1040ST. Is there anyone here who has a used one to sell? How about a new one - how much would that cost? Who can supply the part? Any help would be appreciated."

Albert Dayes of Atari Explorer On-Line tells DI:

"Any IBM style 3.5 inch drive should do just fine. They run around \$60 or so but if you shop around you can find them for a lower price. This is assuming you want to replace the floppy mechanism versus the drive itself.

For external ones you might want to check with an Atari dealer. I like the Computer Network myself (818)-500-3900. And I'm sure others can recommend other dealers."

DI asks Albert:

"What is the difference between the "mechanism" and the "drive"?

I will check with a local repair house, and may also call the folks @ the Computer Network as well."

Albert supplies the proper terminology:

"The mechanism is the actual hardware that makes up the floppy disk drive. The "drive" is the plastic case, power supply, and the mechanism all in one."

John Damiano at Transierra adds another source:

"...Call Best Electronics in San Jose CA. They have everything. He can probably get an exact replacement. The IBM drives (720K)generally work but they don't match physically. Good luck and good hunting."

Mike Mortilla posts:

"Ok, here's a good one...

My Stacy has developed a very strange habit. If I open a window for a drive and run a program (or show a file) when I return to the desktop, the widow is gone. Wait, there's more...

If I run a program while I have 3 windows open, when I return to the desktop, 2 windows remain open. If 2 are open, when I return 1 will be open.

Any ideas of what's going on here?...

...I am locked out of my Stacy HD for real this time! If I let it go thru the boot process, it'll look like it'll be fine, but then won't actually finish booting. At the "end" of the process, it asks me to insert a disk in Drive A (even tho there is a disk in the drive). Pressing anything causes 3 bombs and a freeze-up.

I can bypass the HD (Ctl-Alt-L/Shift) on boot up and run from floppies, but the Stacy utility won't let me reformat the drive. It reports a "Fatal Error" (no kidding) and then asks that I check all connections to the HD. Of course, tearing the Stacy apart to do this is not the easiest thing in the world, so I am forced to send the thing in for repair <sigh>.

But if anyone has any ideas as to what is going on, I'd appreciate it. The fact that it is going thru it's auto programs before crashing makes me think that the connections to the HD are fine and that perhaps a FAT is messed up somewhere, but why would I not be able to format the drive?

Dazzz Smith gives Mike a pat on the back... sort of:

"Hey Mike, congratulations, thats a new one on me, cant say I ever heard of anything like that before. What TOS is this?"

Mike tells Dazzz:

"Rainbow TOS (1.4?) with a ZRAM upgrade to 4 megs. The latest development came this morning when I was "experimenting." I suspected

the Desktop.INF file so I kept trashing it and resaving the desktop. Then I thought, maybe if I save a desktop with no windows, I could find out where the problem is. I guess it's the HD because the Stacy won't boot at all now. I'll go thru the motions. but is really faking it <g>.

When it gets to the end of the boot process, it'll say: Please Insert disk in Drive A (whether or not you booted with a disk in the drive or not. I can override the HD and boot from a floppy, and I'll try running AHDI.PRG from the desktop to get back into my HD, but I think I'll end up reformatting it. No data lost, fortunately, and with ADSCI and the Syquest from my other systems, I'll survive. But I sure wish I knew what was happening."

Dazzz tells Mike:

"Weird, I dont see how the HD would affect the number of windows though.

I think your Stacy needs a phsychiatrist!"

Jim Ness jumps in and tells Mike:

"That's a software problem of some kind. GEM stores the desktop condition in ram, in the exact format you see if you print out DESKTOP.INF or CONTROL.INF files. Some of the lines describe any open windows on the desktop. Somehow that data is being corrupted such that the "current" window is no longer shown as open.

When GEM returns to the desktop, it rebuilds the desktop per that info.

I'd suggest an AUTO or ACC as the problem. Any recent additions?"

Did that sound too easy to you? It did to me. Although that would have been an easy fix, Mike tells us:

"No recent additions, just a recent trip. Maybe a loose chip? I'll just reformat the HD and see what happens."

Micky White tells us

"I have recently bought an F030 and for the most part I am pleased with it, but I am a little lost. I hope someone out there can help me. The Atari desktop includes a functioning HELP key. The HELP window describes Alt1 Alt2 etc this is supposed to change reso's but it doesn't. Also the Alt/HELP is supposed to initiate a screen dump but this too fails to perform. And one more thing I cannot launch ACC's under Multitos as described in the MT manual."

John Amsler tells Micky:

"Darn, I can't help you because I don't have a Falcon. Heck, I don't even have a TT. (I've got a MegaSTe. I love it, but sooner or later -- probably the former -- I'm probably going to be forced to buy a PowerPC- or Pentium-based computer and stick a GEMulator card in it to maintain the use of things such as Arabesque Professional, STalker/STeno, Flash 2, Easy Draw, GEMView, MultiDesk Deluxe, MegaPaint II, Silhouette, Maxifile, Warp 9, etc. etc.)

Best wishes; I'm sure someone around here will be able to jump in and

give you the information you need."

Tony Barker at Moving Pixels asks Micky about his new machine:

"What version of TOS are you running in that Falcon? Mine (4.01) doesn't mention the ALT1 etc for changing res. The only way to do that is from the OPTIONS menu under Set Video...

ALT/HELP will only do a screen dump if you are in an ST compatible screen mode, ie: ST-LOW, ST-Medium, ST-High. I think thats right, haven't checked it in some time.

As far as the MT ACC running thing goes, I'm a little fuzzy on that whole thing (to slow for me, so I rarely run it), but make sure the line:

```
setenv ACCEXT=ACC,ACX
```

is in your GEM.CNF file."

From the Atari ST Arts Forum

=====

A little while ago, Mike Mortilla advised someone on the purchase of Midi programs by saying:

"Platinum goes for about \$199 list. Gold was about \$100 and I think II was about \$60.

If you starting out and can get a used or "left over inventory" of Gold you'll be a happy camper. But you'll probably want to upgrade for all the cool features in Platinum."

Stefan Daystrom at Barefoot Software tells us:

"\_Normally\_ that might be a good strategy, but with Guitar Center doing a "Crazy Eddie" imitation <grin!> this month on those bundles, versus the Gold->Platinum upgrade cost being \$119, I'd say in most cases \_this month\_ it'd be cheaper to buy the bundle new than to buy Gold used and then upgrade..."

Wow! Now that makes me wish I had some musical talent. Meanwhile, while we're still on the subject of music, Bob Ledbetter asks:

"Would someone please tell me the differences between EditTrack II, EditTrack Gold, and EditTrack Platinum."

Stefan tells Bob:

"... they are versions (II was v5, Gold was v6, and Platinum, the current is v7). We (Barefoot Software, formerly Hybrid Arts when II and Gold came out) started varying the suffix of the program name with each major version to call attention to the differences. The feature differences in each upgrade are too numerous for me to remember/mention them \_all\_, but the \_biggest\_ change from II to Gold was a major revamping of the graphic screen (in II you could use the graphic screen to edit notes one at a time, but Gold added Zones, Regions, NoteSets, and many editing commands to the graphics screen, along with Undo, ability to compare the edited track with \_any\_

original track, etc), while the changes from Gold to Platinum include a new "tiling" look to the main screen (where you can choose among several combinations of screen elements, kinda like windows except that you never have to top them and they never overlap and they don't get in the way of MIDI timing) with several nice improvements to the user interface (real record button, improved muting controls, simple track self-repeat, etc), plus a Beat Align feature which lets you play something in without regard to the metronome but compensate for that later, and much more.

Reflecting their age, II and Gold weren't Falcon-compatible, and if I recall at least the first release of II wasn't TOS 2.xx compatible.

Because the upgrade price is higher than the difference in price, it's probably not worth getting II at this point no matter how low a price you might find it for if you plan to upgrade, and that might even be the case with Gold (especially with the specials that Guitar Center is running on EditTrack/GenEdit/EZ-Score bundles this month). In fact, even if you already have II, you should check out the Guitar Center bundle as an alternative to a II->Platinum upgrade..."

John Cole at Lexicor Software tells us:

"I noticed that Atari stock is near it's all time high! and a very big volume (wasnt it 200,000+ trades?) One thing I noticed in the Wall Street Journal was that Atari is listed as having an AMEX bond. Just what is that? I know little about stocks, and nothing about AMEX Bonds :-). Could some fincial guru explain this? I'll see if I cant post the listing."

Sysop Ron Luks tells John (and anyone else who cares to know):

"Atari Corp has issued both common stock and sold convertible debentures (bonds) to the investing public.

Stock is an ownership (equity) interest in the company. The majority stockholders are the "owners" of the company.

Bonds or debentures are "debt" and do not reflect ownership status. They are nothing more than a fancy name for a "loan" of money to the company. (similar to going to a bank and borrowing the money like a mortgage or school loan). They have a fixed expiration date (at which time the bond holder must be paid back the face value of the bond.

Convertible bonds are a hybrid instrument. They are a bond (loan) to the company. The bond holder gets paid interest during the life of the bond, then gets paid back the face value at redemption (usually 20-30 years).

\*HOWEVER\* as a 'kicker' or enticement to buy the bonds (loan the company money) at lower interest rates, convertible bonds have a provision that allows them to be converted into a pre-set number of shares at the holders option.

Theoretical example of how this works:

Let's say a company wants to borrow \$50 million dollars by selling bonds to the public. Based upon the company's credit rating and history and other factors, lets say the going interest rate they would have to pay would be 10% per year. The company doesnt want to pay

that high of a rate.

So, they make the bonds 'convertible' into stock at a price of \$25 per share. (The stock is currently trading at say \$18, so its doesnt pay to convert it now but sometime down the road the stock may move up to \$30 or \$40 per share. Then the conversion price of \$25 becomes a real good idea.

Because of this "profit potential" from possible stock price gains, the company can usually issue the bonds at a lower interest rate-- like 6% instead of 10%."

John thanks Ron and asks for more info:

"Thanks for the explanation ;-)

How about translating the listing in the Wall Street Journal.  
Here it is

#### AMEX BONDS

Bonds	Cur Yld	Vol	Close	Net Chg.
Atari5 1/4 02 cv				36
60 1/8 + 1/8				

I looked but couldnt find what 'cv' stood for (Oh, just found it!  
'cv' is a Convertible bond :-)

Boy this stuff is complex ;-)"

Ron, being the knowledgeable guy that he is, tells John:

"Translation:

Atari issued bonds at a face value of \$1000 per bond. They are currently trading at a price of \$612.50 per bond.

The bonds pay \$52.50 interest per year, which at the current price of 60 1/8 is a yield of about 8 1/2%.

36 bonds trading meant a face value of \$36,000 changed hands (a statistically insignificant number).

According to my Standard and Poors Bond guide, the Atari bonds can be converted into common stock at a price of just over \$16 per share. With the stock trading at less than 1/2 this figure, conversion isnt a consideration (no one would convert). Until the stock gets to a price over \$12-14 oper share, the conversion priviledge isnt a factor in the bonds value."

A quick check with the stock reports available here on CompuServe shows Atari stock at 4:00p on Thursday with a value of \$7.875 per share. Just imagine, had I invested my life savings in Atari stock when it was valued at \$0.50 per share, I'd be rich. I didn't because I no longer trust them to not "snatch defeat from the jaws of victory". Well, live and learn, I guess.

In the hot NEWS Dep't, Alan Page (Flash Fame) tells us;



"As many people are aware, I had arranged with Double-Click software to write a new telecommunications program to be called Storm. Due to a variety of circumstances, the program was never finished, though it had progressed to beta testing.

I have decided to release Storm as shareware. I realize that there are companies out there that would be happy to publish it commercially, but I have a full-time job and it would take too long to completely finish the program and manual. Mike Vederman has been kind enough to permit me to release the program as shareware and also to allow me to use the Storm name and logo. Mike and I are still on very good terms.

The program is fully functional, except for a few minor features. Current documentation consists of a couple of text files, one on the Basic, one on the program itself. I have not disabled any features for the shareware version and there are no annoying messages nagging users about shareware registration.

I will be distributing the final beta test version to beta testers shortly. Once it has been tested, the shareware package will be released. I hope this will be in a week or two.

I have had access to a Falcon, so the program is definitely Falcon compatible, as well as MultiTOS, and TT compatible. It has been tried out on a variety of video cards, including full-color TT video cards and appears to work with all of them.

The suggested shareware fee will be \$25. That is either Canadian or U.S. \$(This is to encourage U.S. registrants to purchase Canadian money orders.) Shareware registrants will receive printed documentation and an enhanced version of the program in the first quarter of 1994. While I will attempt to fix any serious bugs in the unregistered version, I will

not be adding any new features to it. I will be adding features to the registered shareware version and writing improved documentation for it.

I will be supporting Storm on both CompuServe and Genie. I do not wish to become involved in any of the battles that occasionally erupt between users of the various online services. I will upload the software to both services on the same day, and it will be up to the sysops when it will become available for download.

- Alan Page

All beta testers are released from non-disclosure regarding Storm features, though I hope they will check out the final beta version (available in a day or so) before commenting, because there have been a number of changes and fixes."

From the Atari Vendors Forum  
=====

John Brenner, another new acquaintance of mine, asks Ron:

"I read a post where a customer inquiring from you about accelerators was recommended a Gadgets SST and you strongly discouraged him against a Fastech 030. The reasons were obscure. You did say that the

SST was more compatible. I think the opposite is true, The 030 board has a 68,000 chip on board so it is backwards compatible. It can also go to 40 megs of ram instead of the 12 megs on the SST. As for problems with Fastech. I ordered my Turbo 030 a month ago from Jim Allen and it is sitting on my desk as I am typing this. We all know of the problems Fastech as had with delivering the Tiny Turbos for the STE series but this is no reason for discouraging Mega ST users from looking into getting the best accelerator available for the Mega line of computers."

Ron tells John why he "chose" one over the other:

"Actually, I did not say the SST was more compatible than the Fastech unit. In fact, I'm not very familiar with either product as I dont use an accellerator board in my system.

My reasons for recommending Gadgets over Fastech were overwhelmingly due to the fact that I've known Dave Small for many years and know that he designs good products and writes good manuals. Gadgets provides online support for our customers on CompuServe. Fastech does not.

And of course, the delivery problems you've mentioned about the TinyTurbo were a big factor. As far as I know, they still aren't shipping and some people have reported giving deposits or payments almost a year and a half ago. I can't recommend people buy a product from a company that does business this way.

While I dont recall ever meeting Jim Allen face to face, I have been exposed to his actions online. I've even been on the receiving end of some of his antics back about 5 or 6 months ago when the Atari clone situation was first brought up on CIS.

No, in good conscience, I could not recommend his company or products to anyone."

Before anyone (and this means ANYONE) starts rolling their eyes, making odd hand gestures or surly comments, let me just say that, when I went looking for an accelerator, I chose Fastech over Gadgets by Small for one of the reasons that Ron recommended the reverse: I know Jim Allen... I know that he designs top-quality, state-of-the-art, more-compatible-than-should-be-expected products. I'm sure that the Gadgets product is everything its supposed to be, but it was just more technology than I need (I opted for the Tiny Turbo030).

From the Atari Portfolio Forum  
=====

Well folks, to paraphrase, its out of the old, into the new. The banner on "door" of the Portfolio Forum is (was) as follows:

"This PORTFOLIO FORUM will be closing tomorrow (Friday, the 22nd) and all activity and libraries will be moved to the PALMTOP FORUM (GO PALMTOP)."

Chris Johansen posts:

"I'm saddened. My Sinclair ZX80 is abandoned. My SWTPCo 6800 is an orphan. My Epson HX 20 is adrift. Note that all these systems still work, but they have outlived their creators (or their creators' interest). I hope this isn't a portent for the Po'Fo. That's the problem with silicon--sand is much more durable than corporate culture. Even Hewlett-Packard, which has enlightened policy toward its out-of- production hardware, no longer supports my HP-35 (nor the -45, -98 and some others).

So we will have to provide our own support. That brings up the question of the libraries. Here we have some sixteen sections and libraries. Will all their contents be crammed into one library section in Palmtop? If the library is to be severely culled before it is transferred, perhaps we should preserve the riches we have. Perhaps we can support ourselves by assigning different sections to people who are active here. If sixteen people each downloaded a section, then, come what may, when a PortFolian needed a file from the former library s/he could contact the Keeper of the Section. Many hands make light work. Thirty-two downloaders would cut the work in half.

Does anyone have a better idea, before Alexandria burns?"

Sysop Ron Luks tells Chris:

"Don't despair! Portfolio support will continue on the Palmtop Forum a lot longer than it will continue from Atari Corp.

Let's face it, the Portfolio is essentially unchanged since its release in 1988. Atari Corp has moved away from the computer marketplace to the videogames arena. There is no one at Atari specializing in the Portfolio anymore (and that's been the case for nearly 2 years.) To his credit, Don Thomas (a super guy, albiet not a very handsome one) has been supporting Portfolio owners on CompuServe on his own time (and nickel) for well over a year.

We have made efforts to retain our ties with DIP (the creators of the Portfolio), Atari Corp (the US distributors of the unit), and the greatest assest for the Portfolio-- the user community.

While its true that we will combine all the Portfolio files into a single library in Palmtop, we will be moving the majorityu of our files over. (You will be able to do keyword searches within the lib, so it wont be all bad).

Essentially, I was faced with the choice of dropping Portfolio support on CIS or merging it into Palmtop Forum and I chose the latter. In this manner, we will be able to continue Portfolio support with your favorite sysops much longer than would be possible otherwise."

Bill Osburn posts:

"I don't understand why CI\$ wants to drop the Atari Forum unless it has to do with the almighty \$. As for me, the only reason I log in is because of this Forum. When the Club Forum dissolved, I lost my support for the Coleco Adam computer that I used to use. I stayed off CI\$ until I picked up a PORTFOLIO and learned that CI\$ supported it in a separate forum.

I will try the new forum and if I don't find it convenient, I will retire my CI\$ account. I can use the \$30 - \$40 a month on something else. And you may quote me on that. Better yet, fire this over to the management. Well guys, what do you think? We control the purse strings. Isn't the customer always right? I for one vote to keep this forum untouched. I know how to navigate through this system to maximize my computing dollars. And if all the files won't transfer over, why not? Aren't they not good enough? Why put them on there in the first place? And with 750 files PLUS the rest of the files supporting other palmtops, there probably will be over 1500 files to run a search through! Another ploy to rack up your connect time dollar\$. I normally lurk on this forum, but this ticks me off to the point where I feel I must speak up. Thanks for bearing with me on this."

Ron Luks explains (in a slightly different way) why the Portfolio section is being moved:

"First, it was my decision to merge the Portfolio forum into the Palmtop Forum.

This was something we were going to do from DAY 1, but held off because the Portfolio forum was already a stand alone entity and we had a special working arrangement with Atari Corp.

In years past, this forum did over 100 messages a day and now the total is often just a couple a day-- sometimes none.

To maintain a forum "shell" requires a fixed minimum amount of online resources and disk space, and the number of people passing through here each day did not justify this investment. Imagine keeping a restaurant open only for left-handed, White Anglo Saxon, smokers who preferred high cholesterol foods. 10 years ago, this was a significant population, but today..... things change.

Fortunately, the forum software will permit you to access the Palmtop Forum and limit your reading and lib scanning to a single message section and library. In that case, whats the difference between going to a specialized forum and a specialized section in a general forum????

The number of Portfolio owners who frequented this forum in the early days numbered in the thousands. Today, it does not even number in the dozens. We dont want to drop Portfolio support, and in fact, merging it into the Palmtop forum will give it a new life.

Just as the C64, the Atari 8-bit, and the Radio Shack Color computers were once the mainstay of the computing market, times have changed and unfortunately, the Portfolio has not moved along with them.

So, don't yell at CompuServe. Yell at me. I run the forums here and I'll take the heat."

Now THAT'S refreshing: Someone willing to take the heat instead of shifting the blame to another organization or a superior. You don't see much of that anymore... in any walk of life. Thanks Ron, for being a stand-up guy.

Bill Osburn explains his position:

Ron tells Bill:

We will do our best to point out to you any PC software for palmtops that is also Portfolio compatible."

PEOPLE ARE TALKING

General:

Scope :

Participants should recognize that our ability to continue the program is dependent upon the strong position U.S. Robotics enjoys in the reseller channel, with the distributors and dealers, VARs, etc. that continue to buy and resell our products to home and business users around

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2. The SYSOP has been operating the bulletin board system for at least six (6) months and that this activity can be verified by dialing into the bulletin board system. Typically user logs, activity logs, and local message bases are a good source for verifying activity.
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D. U.S. Robotics will not accept phone-in orders.

E. U. S. Robotics reserves the right to modify, change or cancel this program at any time.

F. If you have any questions regarding this program, please call (800) 342-5877 for clarification. In Canada, call (800) 553-3560. Outside the U.S. and Canada, call (708) 982-5001.

#### ADDENDUM

We realize that all Bulletin Boards are not the same and we are not always able to ascertain their validity during our normal verification process. In order not to exclude those Bulletin Boards from our program, we may request additional information such as copies of telephone bills, proof of software purchase and/or registration and network and association membership. This information will only be requested by U.S. Robotics in rare cases and can not be used solely as a means of qualification.

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1. Create a login for U.S. Robotics
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\*\* US Robotics CAN NOT download special software to verify \*\*  
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U.S. Robotics is determined to provide a SYSOP Program which is fair and equitable to everyone. Any requests made of SYSOPs in order to verify Bulletin Boards are made in order to ensure that the program serves the entire SYSOP community and protect the USR distribution channel as well.

We will make every effort to process each and every order in a professional and courteous manner. Please help us to provide the type of service you want and deserve by filling-out the order form as completely and accurately as possible and responding to our requests for additional information in a prompt manner.



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\*\*\*\*\*

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..from; "The Study of Stock Market Sorcery"

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"Its always quiet at solemn funerals!"

.. O'Hara's Observations

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